

Converting Colors

Hex(BB991F)

Have a look what the booklet for
Hex(BB991F) contains.

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Color

Hex(BB991F)

Conversions

Conversions Part 1

Format	Color
Hex	BB991F
RGB	187, 153, 31
RGB Percent	73%, 60%, 12%
CMY	0.2667, 0.4000, 0.8784
CMYK	0.00, 0.18, 0.83, 0.27
HSL	47°, 72%, 43%
HSV	47°, 83%, 73%
XYZ	32.1321, 33.4462, 6.0585
YIQ	149.2580, 59.4260, -30.7340

Conversions

Conversions Part 2

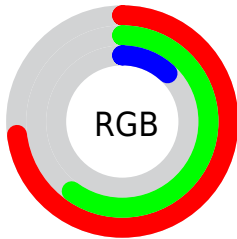
Format	Color
RYB	74, 187, 31
Decimal	12294431
CIELab	64.52, 1.24, 62.47
CIElCh	65, 62.487, 88.861
Yxy	33.4462, 0.4485, 0.4669
Android (android.graphics.Color)	4290484511 (0xFFBB991F)
YUV	149.2580, -58.3012, 33.0997
Hunter-Lab	57.8327, -2.0319, 34.2717

Details

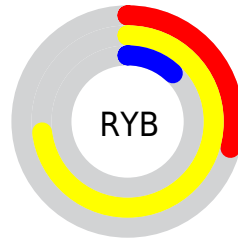
The Hex color **BB991F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1F41BB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F7CF58**, and **816600** is the 20% darker color. If you saturate the color by 10%, you get **BB950C**, and if you desaturate by 10%, it is **BB9D32**.

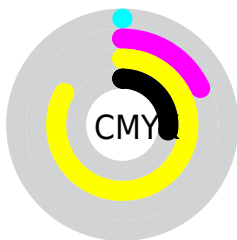
Distribution



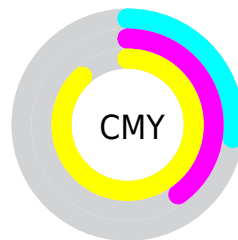
- Red (73%)
- Green (60%)
- Blue (12%)



- Red (29%)
- Yellow (73%)
- Blue (12%)



- Cyan (0%)
- Magenta (18%)
- Yellow (83%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB991F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BB991F by changing the saturation by 10% instead.



BB991F



BB991F

FFFFFF



9E7F00



F7CF58



816600



FFEB73



664F00



FFFF8E



4A3800



FFFFAA



302300



FFFFC7



170E00



FFFFE3



000000



BB991F



BB991F



BB950C



BB9D32

 BB9200

 BBA144

 BBA557

 BBA96A

 BBAD7D

 BBB18F

 BBB6A2

 BBBAB5

 BBBEC7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E6833B



BB991F



84A931

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BB991F



00B6D1



DE76D7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BB991F



1F41BB

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



998FFF



BB991F



00B1FB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BB991F



00B798



00A4FF



FE67A1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BB991F



54B04F



00A4FF



CB7EE7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BB991F



F2E5B6



BB1F43



7A7256



FAFAFA



7A7A7A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BB991F



F2BD00



91BB1F



5E5C55



9E7C00



1F1800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1F41BB



0035F2



491FBB



55575E



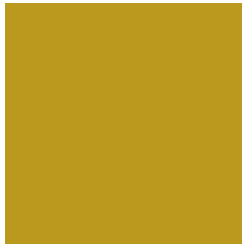
00229E



00071F

Previews

White Background



This preview shows how the Hex color BB991F looks on a white background.

Color Contrast Check

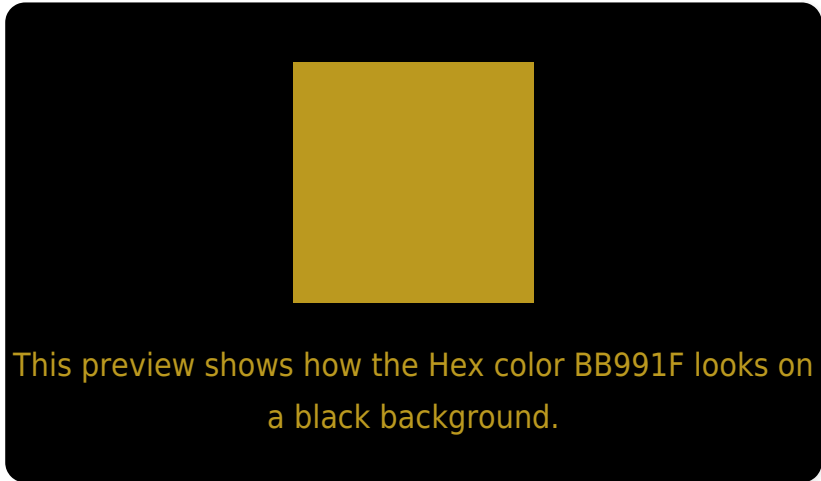
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BB991F Background



This preview shows how black text looks on a background with the Hex color BB991F.

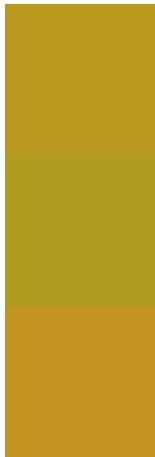


This preview shows how white text looks on a background with the Hex color BB991F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
BB991F

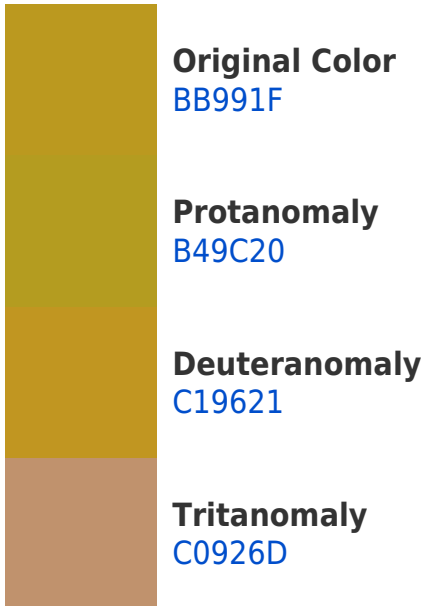
Protanopia
B09D20

Deuteranopia
C59522

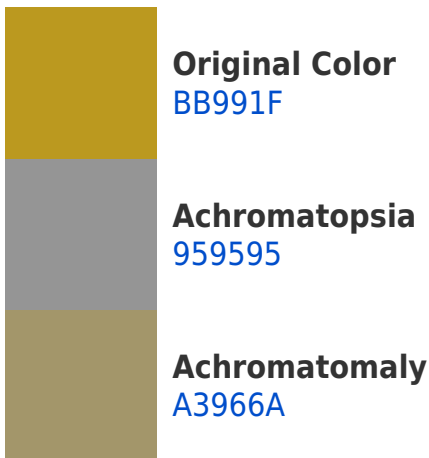


Tritanopia
C38E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB991F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BB991F looks like.

```
.text, #text, p{  
    color:#BB991F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BB991F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB991F
}
```

Border

The CSS property to change the border of an element to Hex BB991F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB991F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BB991F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BB991F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB991F; -webkit-box-shadow:4px 4px  
4px 4px #BB991F; box-shadow:4px 4px 4px  
4px #BB991F }
```

Background

The CSS property to change the background color of an element to Hex BB991F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB991F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BB991F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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